

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

RF POWER DELIVERY FOR PLASMA PROCESSING USING MODULATED POWER SIGNAL

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on _____, under Application No. _____, executed on even date herewith; or
- Express Mail No. _____ (as Application No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign

application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

[X] No such applications have been filed.

[] Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[X] No such applications have been filed

[] Such applications have been filed, as follows:

<u>Application No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Status</u> <u>Abandoned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Leslie A. Weise	Registration No. 36,305
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Patrick R. Jewik	Registration No. 40,456

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052

Patrick R. Jewik
(650) 326-2400

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: LIANG-GUO WANG

Inventor's signature: _____ Date: _____
Residence: Milpitas, CA 95035
Post Office Address: 59 Jacklin Circle, Milpitas, CA 95035
United States Country of Citizenship: United States

Full name of second inventor: KWOK M. WONG

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95129
Post Office Address: 1636 Larkin Avenue, San Jose, CA 95129
United States Country of Citizenship: United States

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Leslie A. Weise	Registration No. 36,305
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Patrick R. Jewik	Registration No. 40,456

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052

Patrick R. Jewik
(650) 326-2400

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: LIANG-GUO WANG

Inventor's signature: _____ Date: _____
Residence: Milpitas, CA 95035
Post Office Address: 59 Jacklin Circle, Milpitas, CA 95035
United States Country of Citizenship: United States

Full name of second inventor: KWOK M. WONG

Inventor's signature: Kwok M Wong Date: 1/19/2001
Residence: San Jose, CA 95129
Post Office Address: 1636 Larkin Avenue, San Jose, CA 95129
United States Country of Citizenship: United States

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Leslie A. Weise	Registration No. 36,305
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Sarah J. Brashears	Registration No. 38,087
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Patrick R. Jewik	Registration No. 40,456

Send correspondence to: Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P.O. Box 450A
Santa Clara, CA 95052

Patrick R. Jewik
(650) 326-2400

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: LIANG-GUO WANG

Inventor's signature: Liang - guo Wang Date: January 15, 2009
Residence: Milpitas, CA 95035
Post Office Address: 59 Jacklin Circle, Milpitas, CA 95035
United States Country of Citizenship: United States

Full name of second inventor: KWOK M. WONG

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95129
Post Office Address: 1636 Larkin Avenue, San Jose, CA 95129
United States Country of Citizenship: United States

Full name of third inventor: SHAMOUIL SHAMOUILIAN

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95120
Post Office Address: 6536 Little Falls Drive, San Jose, CA 95120
United States Country of Citizenship: United States

Full name of fourth inventor: KARTIK RAMASWAMY

Inventor's signature: _____ Date: _____
Residence: Santa Clara, CA 95051
Post Office Address: 3282 St. Ignatius Place #322, Santa Clara, CA 95051
United States Country of Citizenship: India

(Declaration ends with this page)

SF 1173399 v1

FEDERAL BUREAU OF INVESTIGATION

Full name of third inventor: SHAMOUIL SHAMOUILIAN

Inventor's signature:

Shamouil Shamoulian

Date: 1/12/01

Residence: San Jose, CA 95120

Post Office Address: 6536 Little Falls Drive, San Jose, CA 95120

United States

Country of Citizenship: United States

Full name of fourth inventor: KARTIK RAMASWAMY

Inventor's signature:

Date:

Residence: Santa Clara, CA 95051

Post Office Address: 3282 St. Ignatius Place #322, Santa Clara, CA 95051

United States

Country of Citizenship: India

(Declaration ends with this page)

SF 1173399 v1

Full name of third inventor: SHAMOUIL SHAMOUILIAN

Inventor's signature: _____ Date: _____
Residence: San Jose, CA 95120
Post Office Address: 6536 Little Falls Drive, San Jose, CA 95120
United States Country of Citizenship: United States

Full name of fourth inventor: KARTIK RAMASWAMY

Inventor's signature: Kartik Ramaswamy Date: Jan 20, 01
Residence: Santa Clara, CA 95051
Post Office Address: 3282 St. Ignatius Place #322, Santa Clara, CA 95051
United States Country of Citizenship: India

(Declaration ends with this page)

SF 1173399 v1